

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Peter A.J. van der Made

Serial No.: 09/642,625

Filed: August 18, 2000

For: Computer Immune System and Method
for Detecting Unwanted Code in a
Computer System

COPY

Art Unit: 2122

INFORMATION DISCLOSURE STATEMENT

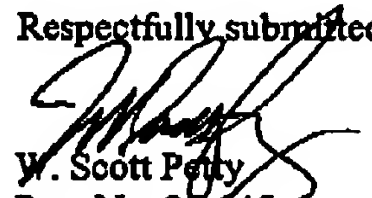
Commissioner of Patents
Washington, DC 20231

Sir:

The citation of information on the attached Form PTO-1449, "List of Art Cited by Applicant" is made pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of each cited item is enclosed.

The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Respectfully submitted,


W. Scott Petty
Reg. No. 35,645

King & Spalding LLP
45th Floor, 191 Peachtree Street, N.E.
Atlanta, GA 30303
404.572.4600
K&S Docket: 05456.105041

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231, on February 7, 2003.


W. Scott Petty, Reg. No. 35,645

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Sheet 1 of 3

FORM PTO-1449, Adopted

LIST OF INFORMATION DISCLOSED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. 05456.105041	SERIAL NO. 09/642,625	FILED DATE August 18, 2000
APPLICANT Peter A.J. van der Made		GROUP 2122

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
	AA	5,590,331	12/31/96	Lewis et al.			
	AB	6,021,510	02/01/00	Nachenberg			
	AC	6,003,132	12/14/99	Mann			
	AD	5,999,723	12/07/99	Nachenberg			
	AE	5,964,889	10/12/99	Nachenberg			
	AF	5,765,030	06/09/98	Nachenberg et al.			
	AG	5,826,013	10/20/98	Nachenberg			
	AH	6,199,181	03/06/01	Rechef et al.			
	AI	5,121,345	06/09/92	Lentz			
	AJ	5,623,600	04/22/97	Ji et al.			
	AK	5,649,095	07/15/97	Cozza			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.
	AL	0 636 977 A2	02/01/95	Europe	David Alan Chambers	
	AM					
	AN					
	AO					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	"Microsoft P-Code Technology," http://msdn.microsoft.com/archive/default.asp?url=/archive/en-us/dnarvc/html/msdn_c7pcode2.asp , pp. 1-6, April 1992.
AR	"DIGPP COFF Spec," http://delorie.com/digpp/doc/coff/ , pp. 1-15, October 1996
AS	Natvig, Kurt, "Sandbox Technology Inside AV Scanners," Virus Bulletin Conference, September 2001, pp. 475-488.
AT	"Norman introduces a new technique for eliminating new computer viruses," found on Norman's website, file://C:\Documents%20and%20Settings\7489\Local%20Settings\Temporary%20Internet%20Files\OLK, pp. 1-2, published October 25, 2001, printed from website December 27, 2002.

EXAMINER DATE CONSIDERED

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Sheet 2 of 3

FORM PTO-1449, Adopted

LIST OF INFORMATION DISCLOSED BY APPLICANT*(Use several sheets if necessary)*

ATTY. DOCKET NO. 05456.105041	SERIAL NO. 09/642,625	FILING DATE August 18, 2000
APPLICANT Peter A.J. van der Made		GROUP 2122

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	5,978,917	11/02/99	Chi			
	BB	5,983,348	11/09/99	Ji			
	BC	6,029,256	02/22/00	Kouznetsov			
	BD	6,081,894	06/27/00	Mann			
	BE	6,094,731	07/25/00	Waldin et al.			
	BF	6,108,799	08/22/00	Boulay et al.			
	BG	6,119,165	09/12/00	Li et al.			
	BH	6,122,738	09/19/00	Millard			
	BI	6,272,641	08/07/01	Ji			
	BJ	6,324,627	11/27/01	Kricheff et al.			
	BK	6,338,141	01/08/02	Wells			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO	
	BL						
	BM						
	BN						
	BO						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

BP	Lee et al., "A Generic Virus Detection Agent on the Internet," System Sciences, 1997, Proceedings of the Thirtieth Hawaii International Conference on Wailea, HI, January 7-10, 1997, pp. 210-219, #XP010271868.
BR	International Search Report for PCT/US01/19142, international filing date June 14, 2001, mailing date January 17, 2003.
BS	
BT	

EXAMINER DATE CONSIDERED

FORM PTO-1449, Adapted

LIST OF INFORMATION DISCLOSED BY APPLICANT*(Use several sheets if necessary)*

ATTY. DOCKET NO.

SERIAL NO.

FILING DATE

05456.105041

09/642,625

August 18, 2000

COPY

APPLICANT

GROUP

Peter A.J. van der Made

2122

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	6,397,242	05/28/02	Devine et al.			
	CB	4,975,950	12/04/90	Lentz			
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
						YES	NO
	CL						
	CM						
	CN						
	CO						

COPY**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

	CP	
	CR	
	CS	
	CT	

EXAMINER DATE CONSIDERED

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FORM PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION***(Use several sheets if necessary)*Docket Number (Optional)
81924.0001Application Number
09/642,625

Applicant

Peter A.J. van der Made

Filing Date
August 18, 2000Group Art Unit
2122**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,854,916	12-29-98	Nachenberg			
	6,067,410	05-23-00	Nachenberg			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	International Search Report for PCT/US01/28804	03-06-02	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Andrew P. Kosoresow, et al., "Intrusion Detection Via System Call Traces," IEEE Software, pp. 35-42, September/October 1997.

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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) 81924.0001	Application Number 09/642,625
	Applicant Peter A.J. van der Made	
	Filing Date August 18, 2000	Group Art Unit 2122

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,398,196	03-14-95	Chambers			
	5,842,002	11-24-98	Schnurer, et al.			
	6,275,938	08-14-01	Bond, et al.			
	6,357,008	3-12-02	Nachenberg			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER	DATE CONSIDERED
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FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) 81924.0001	Application Number 09/642,625
	Applicant Peter A.J. van der Made	
	Filing Date August 18, 2000	Group Art Unit 2122

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Carey Stover Nachenberg, "A New Technique for Detecting Polymorphic Computer Viruses," A thesis submitted in partial satisfaction of the requirements for the degree Master of Science in Computer Science, University of California Los Angeles, pp. I-127, 1995.

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EXAMINER	DATE CONSIDERED
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FORM PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION***(Use several sheets if necessary)*Docket Number (Optional)
81924.0001Application Number
09/642,625

Applicant

Peter A.J. van der Made

Filing Date
August 18, 2000Group Art Unit
2122**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,400,769	08-23-83	Kaneda, et al.			
	5,440,723	08-08-95	Arnold, et al.			
	5,774,727	06-30-98	Walsh, et al.			
	5,872,978	02-16-99	Hoskins			
	6,092,194	07-18-00	Touboul			
	6,118,940	09-12-00	Alexander, III, et al.			
	6,154,844	11-28-00	Touboul, et al.			
	6,167,520	12-26-00	Touboul			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO 99/15966	04-01-99	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Frans Veldman, "Heuristic Anti-Virus Technology," Proceedings, 3 rd International Virus Bulletin Conference, pp. 67-76, September 1993.
	Symantec, "Understanding Heuristics: Symantec's Bloodhound Technology, Symantec White Paper Series, Vol. XXXIV, pp. 1-14, September 1997.

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DATE CONSIDERED

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PATENT
81924.0001

Express Mail Label No.: EJ194573541US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Peter A.J. van der Made

Serial No: Not Assigned

Filed: Herewith

For: COMPUTER IMMUNE SYSTEM
AND METHOD FOR DETECTING
UNWANTED CODE IN A
COMPUTER SYSTEM

Art Unit: Not Assigned

Examiner: Not Assigned

**TRANSMITTAL OF INFORMATION DISCLOSURE
STATEMENT**

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The information disclosure statement submitted herewith is being filed concurrently with the subject application [37 C.F.R. § 1.97(b)] and contains no items of information cited in any communication from a foreign patent office in a counterpart foreign application [37 C.F.R. § 1.97(e)(1)].

Respectfully submitted,

HOGAN & HARTSON L.L.P.

By: 

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Attorney for Applicant(s)

Date: August 18, 2000

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FORM PTO-1449			Docket Number (Official) 81924.0001		Application Number Not Assigned	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			Applicant Peter A.J. van der Made			
(Use several sheets if necessary)			Filing Date Herewith		Group Art Unit Not Assigned	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,398,196	03-14-95	Chambers	364	580	
	5,675,711	10-07-97	Kephart, et al.	395	22	
	5,696,822	12-09-97	Nachenberg	380	4	
	5,864,803	01-26-99	Nussbaum	704	232	
	5,907,834	05-25-99	Kephart, et al.	706	20	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION (YES/NO)
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER		DATE CONSIDERED				
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